



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 11911458  
SAU: York School Department  
School: York Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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# SUMMARY OF SCORES

Test Date: March 2009

Grade: 8

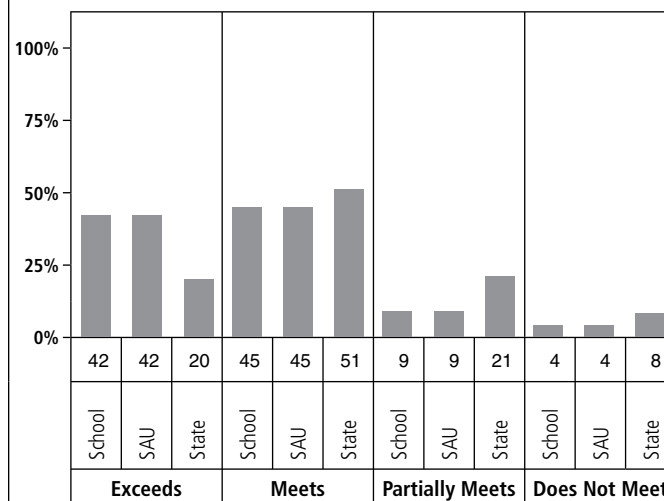
SAU: York School Department

School: York Middle School

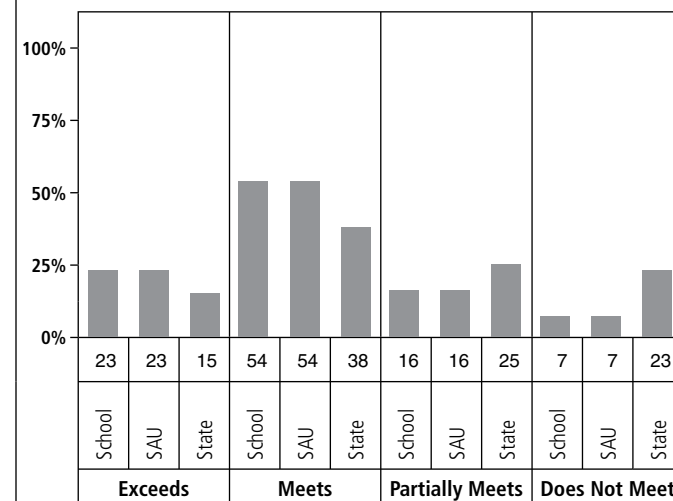
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	849	849	847
2007–2008	853	853	849
<b>2008–2009</b>	<b>858</b>	<b>858</b>	<b>850</b>
Cum. Avg.*	853	853	849
<b>Mathematics</b>			
2006–2007	850	850	842
2007–2008	849	849	841
<b>2008–2009</b>	<b>851</b>	<b>851</b>	<b>843</b>
Cum. Avg.*	850	850	842
<b>Science</b>			
<b>2008–2009 **</b>	<b>851</b>	<b>851</b>	<b>846</b>

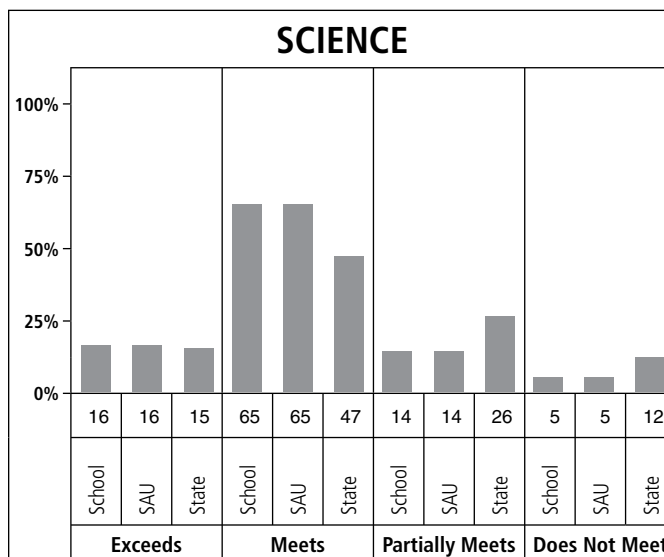
## ELA – READING



## MATHEMATICS



## SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 8  
SAU: York School Department  
School: York Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	165	100	165	100	14804	100	165	100	165	100	14659	99	165	100	165	100	14653	99	165	100	165	100	14626	99
<b>Ethnicity</b> African American/Black	4	2	4	2	377	3	4	100	4	100	366	97	4	100	4	100	371	98	4	100	4	100	367	97
American Indian or Native Alaskan	1	1	1	1	119	1	1	100	1	100	117	99	1	100	1	100	115	97	1	100	1	100	116	98
Asian or Pacific Islander	2	1	2	1	238	2	2	100	2	100	232	97	2	100	2	100	234	98	2	100	2	100	234	98
Hispanic	3	2	3	2	192	1	3	100	3	100	188	98	3	100	3	100	191	100	3	100	3	100	190	99
Caucasian/White	155	94	155	94	13878	94	155	100	155	100	13756	99	155	100	155	100	13742	99	155	100	155	100	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	25	15	25	15	2489	17	25	100	25	100	2434	99	25	100	25	100	2424	98	25	100	25	100	2418	98
<b>Current LEP</b>	1	1	1	1	349	2	1	100	1	100	331	95	1	100	1	100	342	98	1	100	1	100	338	97
<b>Economically disadvantaged</b>	20	12	20	12	5460	37	20	100	20	100	5380	99	20	100	20	100	5377	99	20	100	20	100	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	139	84	139	84	12132	82	139	84	139	84	12124	82	139	84	139	84	12169	82
Identified disability (PET/IEP)	0	0	0	0	379	3	0	0	0	0	380	3	0	0	0	0	425	3
LEP	1	1	1	1	166	1	1	1	1	1	169	1	1	1	1	1	168	1
504 plan	1	1	1	1	200	2	1	1	1	1	200	2	1	1	1	1	202	2
<b>Participation with accommodations</b>	25	15	25	15	2349	16	25	15	25	15	2347	16	25	15	25	15	2288	15
Identified disability (PET/IEP)	24	96	24	96	1877	80	24	96	24	96	1862	79	24	96	24	96	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	1	4	1	4	70	3	1	4	1	4	70	3	1	4	1	4	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
<b>Participation through alternate assessment (PAAP)</b>	1	1	1	1	178	1	1	1	1	1	182	1	1	1	1	1	169	1
Identified disability (PET/IEP)	1	100	1	100	178	100	1	100	1	100	182	100	1	100	1	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
<b>Non-participation – other</b>	0	0	0	0	113	1	0	0	0	0	117	1	0	0	0	0	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: York School Department  
School: York Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	23	16	23	16	2407	16
	2007-2008	41	27	41	27	3428	23
	<b>2008-2009</b>	<b>69</b>	<b>42</b>	<b>69</b>	<b>42</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	133	29	133	29	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	86	58	86	58	7494	49
	2007-2008	83	55	83	55	7179	48
	<b>2008-2009</b>	<b>74</b>	<b>45</b>	<b>74</b>	<b>45</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	243	52	243	52	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	28	19	28	19	3628	24
	2007-2008	19	13	19	13	2706	18
	<b>2008-2009</b>	<b>14</b>	<b>9</b>	<b>14</b>	<b>9</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	61	13	61	13	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	11	7	11	7	1810	12
	2007-2008	9	6	9	6	1611	11
	<b>2008-2009</b>	<b>7</b>	<b>4</b>	<b>7</b>	<b>4</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	27	6	27	6	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	40.5	72.3	40.5	72.3	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	14.2	71.0	14.2	71.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	26.3	73.1	26.3	73.1	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009

Grade: 8

SAU: York School Department

School: York Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	164	69	42	74	45	14	9	7	4	858	164	42	45	9	4	858	14481	20	51	21	8	850
<b>Ethnicity</b>																						
African American/Black	4										4						362	8	43	29	20	843
American Indian or Native Alaskan	1										1						116	10	46	26	18	843
Asian or Pacific Islander	2										2						231	28	43	19	10	851
Hispanic	3										3						186	17	48	23	12	847
Caucasian/White	154	66	43	69	45	14	9	5	3	858	154	43	45	9	3	858	13586	20	52	20	8	850
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	24	1	4	10	42	8	33	5	21	841	24	4	42	33	21	841	2256	2	25	40	34	834
No	140	68	49	64	46	6	4	2	1	860	140	49	46	4	1	860	12225	23	56	17	4	853
<b>Current LEP</b>																						
Yes	1										1						324	5	34	36	26	838
No	163	69	42	74	45	14	9	6	4	858	163	42	45	9	4	858	14157	20	52	20	8	850
<b>Economically disadvantaged</b>																						
Yes	20	3	15	8	40	4	20	5	25	843	20	15	40	20	25	843	5277	10	46	29	15	844
No	144	66	46	66	46	10	7	2	1	860	144	46	46	7	1	860	9204	26	54	16	5	853
<b>Migrant</b>																						
Yes	0										0						5	0	40	60	0	841
No	164	69	42	74	45	14	9	7	4	858	164	42	45	9	4	858	14476	20	51	21	8	850
<b>Gender</b>																						
Female	76	40	53	33	43	3	4	0	0	861	76	53	43	4	0	861	7074	25	51	18	6	852
Male	88	29	33	41	47	11	13	7	8	854	88	33	47	13	8	854	7407	14	51	23	11	847
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	9	43	35	14	843
No	164	69	42	74	45	14	9	7	4	858	164	42	45	9	4	858	13624	20	52	20	8	850
<b>Gifted/talented program</b>																						
Yes	0										0						700	69	30	1	0	867
No	164	69	42	74	45	14	9	7	4	858	164	42	45	9	4	858	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: York School Department

School: York Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b> A. none B. less than one hour C. one to two hours D. more than two hours	13 20 47 20	0 0 2 0	0 0 29 0	0 1 3 3	0 33 43 100	0 1 2 0	0 33 29 0	2 1 0 0	100 33 0 0	825 835 854 854	13 20 47 20	0 0 29 0	0 33 43 100	0 33 29 0	100 33 0 0	825 835 854 854	8 51 36 5	8 17 24 29	39 53 52 45	29 22 18 18	24 8 5 9	841 849 852 852
<b>Which of the following best describes how you rate yourself as a student in reading?</b> A. very good B. good C. fair D. poor	40 27 27 7	2 0 0 0	33 0 0 0	3 2 2 0	50 50 50 0	1 2 0 0	17 50 0 0	0 0 2 1	0 0 50 100	856 844 839 826	40 27 27 7	33 0 0 0	50 50 50 0	17 50 0 0	0 0 50 100	856 844 839 826	31 47 18 3	35 16 5 2	50 55 47 39	11 21 33 37	4 7 15 22	856 849 842 839
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b> A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	47 33 7 13	2 0 0 0	29 0 0 0	4 2 0 1	57 40 0 50	0 2 1 0	0 40 100 0	1 1 0 1	14 20 0 50	853 842 832 840	47 33 7 13	29 0 0 0	57 40 0 50	0 40 100 0	14 20 0 50	853 842 832 840	32 52 12 4	27 18 11 6	54 53 45 34	14 22 29 33	5 8 15 26	853 850 844 838
<b>How difficult was the reading part of this test?</b> A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	13 60 27	0 2 0	0 22 0	0 3 4	0 33 100	1 2 0	50 22 0	1 2 0	50 22 0	831 848 850	13 60 27	0 22 0	0 33 100	50 22 0	50 22 0	831 848 850	15 64 22	13 19 25	42 53 52	28 20 16	17 7 6	844 850 852
<b>How difficult were the reading passages on this test?</b> A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	0 71 29										0 71 29						8 52 40	6 14 30	34 54 53	34 24 13	26 8 4	838 848 855
<b>How hard did you try on the reading part of this test?</b> A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	7 67 27	0 2 0	0 20 0	0 4 3	0 40 75	0 30 0	0 30 0	1 1 1	100 10 25	824 849 844	7 67 27	0 20 0	0 40 75	0 30 0	100 10 25	824 849 844	39 54 7	19 21 12	50 53 46	22 19 27	9 7 15	849 851 845
<b>How much time do you spend reading at home each day?</b> A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	20 40 13 27	0 1 1 0	0 17 50 0	1 4 0 2	33 67 0 50	1 1 0 1	33 17 0 25	1 0 1 1	33 0 50 25	835 854 846 844	20 40 13 27	0 17 50 0	33 67 0 50	33 17 0 25	33 0 50 25	835 854 846 844	19 40 15 26	26 25 18 7	53 52 51 50	15 17 21 30	6 6 10 13	853 852 849 844
<b>How do you feel about the following statement?</b> "My knowledge of reading will be useful to me as an adult." A. strongly agree B. agree C. disagree D. strongly disagree	40 40 20 0	2 0 0 0	33 0 0 0	4 2 1 0	67 33 33 0	0 2 1 0	0 33 33 0	0 2 1 0	0 33 33 0	861 837 837 0	40 40 20 0	33 0 0 0	67 33 33 0	0 33 33 0	0 33 33 0	861 837 837 0	42 50 7 2	27 15 8 6	51 53 46 39	15 23 32 35	6 9 14 21	853 848 843 840
<b>Optional school/SAU question</b> A. B. C. D.	33 33 0 33	0 0 0 0	0 0 0 0	0 1 0 0	0 100 0 0	0 0 0 1	0 0 0 100	1 0 0 0	100 0 0 0	826 854 0 832	33 33 0 33	0 0 0 0	0 100 0 0	0 0 0 0	100 0 0 0	826 854 0 832						

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: York School Department  
School: York Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	34	23	34	23	1952	13
	2007-2008	27	18	27	18	1657	11
	<b>2008-2009</b>	<b>37</b>	<b>23</b>	<b>37</b>	<b>23</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	98	21	98	21	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	70	47	70	47	5870	38
	2007-2008	87	57	87	57	5956	40
	<b>2008-2009</b>	<b>89</b>	<b>54</b>	<b>89</b>	<b>54</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	246	53	246	53	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	28	19	28	19	3982	26
	2007-2008	25	16	25	16	3729	25
	<b>2008-2009</b>	<b>26</b>	<b>16</b>	<b>26</b>	<b>16</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	79	17	79	17	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	16	11	16	11	3534	23
	2007-2008	13	9	13	9	3579	24
	<b>2008-2009</b>	<b>12</b>	<b>7</b>	<b>12</b>	<b>7</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	41	9	41	9	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	34.1	60.9	34.1	60.9	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	3.6	45.0	3.6	45.0	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	11.2	70.0	11.2	70.0	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	6.6	55.0	6.6	55.0	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	12.7	63.5	12.7	63.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009

Grade: 8

SAU: York School Department

School: York Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	164	37	23	89	54	26	16	12	7	851	164	23	54	16	7	851	14471	15	38	25	23	843
<b>Ethnicity</b>																						
African American/Black	4										4						367	6	24	26	44	831
American Indian or Native Alaskan	1										1						114	5	31	32	32	836
Asian or Pacific Islander	2										2						233	27	33	20	21	847
Hispanic	3										3						190	8	31	26	34	836
Caucasian/White	154	36	23	86	56	21	14	11	7	852	154	23	56	14	7	852	13567	15	38	25	22	843
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	24	1	4	7	29	8	33	8	33	834	24	4	29	33	33	834	2242	2	12	22	63	824
No	140	36	26	82	59	18	13	4	3	854	140	26	59	13	3	854	12229	17	42	25	16	846
<b>Current LEP</b>																						
Yes	1										1						336	6	18	26	51	829
No	163	37	23	89	55	25	15	12	7	851	163	23	55	15	7	851	14135	15	38	25	23	843
<b>Economically disadvantaged</b>																						
Yes	20	0	0	9	45	7	35	4	20	839	20	0	45	35	20	839	5270	6	30	28	36	835
No	144	37	26	80	56	19	13	8	6	853	144	26	56	13	6	853	9201	20	42	22	16	847
<b>Migrant</b>																						
Yes	0										0						5	0	0	40	60	828
No	164	37	23	89	54	26	16	12	7	851	164	23	54	16	7	851	14466	15	38	25	23	843
<b>Gender</b>																						
Female	76	20	26	43	57	9	12	4	5	853	76	26	57	12	5	853	7070	15	39	25	22	843
Male	88	17	19	46	52	17	19	8	9	850	88	19	52	19	9	850	7401	14	36	25	25	842
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	5	25	33	37	835
No	164	37	23	89	54	26	16	12	7	851	164	23	54	16	7	851	13614	15	38	24	22	843
<b>Gifted/talented program</b>																						
Yes	0										0						700	68	27	3	1	866
No	164	37	23	89	54	26	16	12	7	851	164	23	54	16	7	851	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: York School Department

School: York Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	13	0	0	0	0	0	0	2	100	807	13	0	0	0	100	807	8	8	24	24	44	833
B. less than one hour	20	1	33	1	33	0	0	1	33	840	20	33	33	0	33	840	51	12	38	26	23	842
C. one to two hours	47	0	0	4	57	2	29	1	14	842	47	0	57	29	14	842	36	19	40	23	19	845
D. more than two hours	20	0	0	2	67	1	33	0	0	847	20	0	67	33	0	847	5	19	36	22	23	844
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	29	0	0	4	100	0	0	0	0	851	29	0	100	0	0	851	28	33	41	15	11	852
B. good	43	1	17	1	17	1	17	3	50	832	43	17	17	17	50	832	45	11	43	25	21	842
C. fair	21	0	0	2	67	1	33	0	0	848	21	0	67	33	0	848	21	3	27	35	35	834
D. poor	7	0	0	0	0	1	100	0	0	832	7	0	0	100	0	832	5	2	14	30	54	828
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	27	0	0	3	75	0	0	1	25	838	27	0	75	0	25	838	28	23	41	21	15	848
B. They match some of what I have learned.	60	1	11	4	44	2	22	2	22	843	60	11	44	22	22	843	52	13	40	25	21	843
C. They match just a little of what I have learned.	13	0	0	0	0	1	50	1	50	816	13	0	0	50	50	816	16	8	28	30	34	836
D. There is no match.	0										0						4	5	15	22	58	826
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	36	1	20	2	40	1	20	1	20	844	36	20	40	20	20	844	32	6	34	29	32	837
B. about the same as my regular schoolwork	57	0	0	4	50	2	25	2	25	836	57	0	50	25	25	836	52	13	41	25	20	843
C. easier than my regular schoolwork	7	0	0	1	100	0	0	0	0	844	7	0	100	0	0	844	16	39	35	13	13	853
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	7	0	0	0	0	0	0	1	100	800	7	0	0	0	100	800	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	87	1	8	7	54	2	15	3	23	841	87	8	54	15	23	841	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	7	0	0	0	0	1	100	0	0	840	7	0	0	100	0	840	7	12	27	27	35	837
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	20	0	0	3	100	0	0	0	0	857	20	0	100	0	0	857	34	18	40	22	20	845
B. two or three days a week	33	1	20	3	60	1	20	0	0	850	33	20	60	20	0	850	35	14	38	26	21	843
C. two or three times each month	13	0	0	0	0	1	50	1	50	829	13	0	0	50	50	829	18	12	37	27	24	841
D. never or almost never	33	0	0	1	20	1	20	3	60	819	33	0	20	20	60	819	13	9	32	25	34	837
<b>How often do you use laptops in mathematics class?</b>																						
A. almost every day	7	0	0	0	0	0	0	1	100	800	7	0	0	0	100	800	9	13	38	23	26	841
B. two or three days a week	7	0	0	0	0	1	100	0	0	840	7	0	0	100	0	840	17	11	37	26	26	841
C. two or three times each month	40	1	17	5	83	0	0	0	0	856	40	17	83	0	0	856	28	15	40	25	20	844
D. never or almost never	47	0	0	2	29	2	29	3	43	828	47	0	29	29	43	828	46	16	36	24	23	843
<b>How do you feel about the following statement?</b>																						
<b>“My knowledge of mathematics will be useful to me as an adult.”</b>																						
A. strongly agree	60	1	11	5	56	2	22	1	11	845	60	11	56	22	11	845	52	19	41	22	18	846
B. agree	33	0	0	2	40	1	20	2	40	830	33	0	40	20	40	830	39	11	35	27	27	840
C. disagree	7	0	0	0	0	0	0	1	100	818	7	0	0	0	100	818	6	7	28	26	39	835
D. strongly disagree	0										0						3	4	25	28	43	832
<b>Optional school/SAU question</b>																						
A.	33	0	0	0	0	0	0	1	100	800	33	0	0	0	100	800						
B.	33	0	0	0	0	1	100	0	0	840	33	0	0	100	0	840						
C.	0										0											
D.	33	0	0	0	0	0	0	1	100	818	33	0	0	0	100	818						

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: York School Department  
School: York Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	27	16	27	16	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	106	65	106	65	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	23	14	23	14	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	8	5	8	5	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	35.4	63.2	35.4	63.2	32.0	57.1
<b>D. The Physical Setting</b>	31	55	18.8	60.6	18.8	60.6	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	10.6	62.4	10.6	62.4	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	8.2	58.6	8.2	58.6	7.7	55.0
<b>E. The Living Environment</b>	25	45	16.6	66.4	16.6	66.4	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009

Grade: 8

SAU: York School Department

School: York Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	164	27	16	106	65	23	14	8	5	851	164	16	65	14	5	851	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	4										4						360	4	31	35	30	835
American Indian or Native Alaskan	1										1						114	8	39	31	22	839
Asian or Pacific Islander	2										2						230	20	44	23	13	848
Hispanic	3										3						184	9	45	29	16	842
Caucasian/White	154	26	17	100	65	21	14	7	5	851	154	17	65	14	5	851	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	24	2	8	9	38	9	38	4	17	840	24	8	38	38	17	840	2221	3	22	36	38	832
No	140	25	18	97	69	14	10	4	3	853	140	18	69	10	3	853	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	1										1						331	4	20	39	37	832
No	163	27	17	106	65	23	14	7	4	851	163	17	65	14	4	851	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	20	0	0	9	45	7	35	4	20	837	20	0	45	35	20	837	5184	6	40	33	21	840
No	144	27	19	97	67	16	11	4	3	853	144	19	67	11	3	853	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	164	27	16	106	65	23	14	8	5	851	164	16	65	14	5	851	14258	15	47	26	12	846
<b>Gender</b>																						
Female	76	11	14	52	68	11	14	2	3	851	76	14	68	14	3	851	6953	14	47	28	11	846
Male	88	16	18	54	61	12	14	6	7	851	88	18	61	14	7	851	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						828	5	35	40	20	839
No	164	27	16	106	65	23	14	8	5	851	164	16	65	14	5	851	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	0										0						699	65	34	2	0	865
No	164	27	16	106	65	23	14	8	5	851	164	16	65	14	5	851	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: York School Department

School: York Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	13	0	0	0	0	1	50	1	50	826	13	0	0	50	50	826	8	8	34	28	30	837
B. less than one hour	20	1	33	1	33	0	0	1	33	843	20	33	33	0	33	843	51	14	48	27	11	846
C. one to two hours	47	1	14	4	57	1	14	1	14	846	47	14	57	14	14	846	36	19	48	24	9	848
D. more than two hours	20	1	33	1	33	1	33	0	0	855	20	33	33	33	0	855	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	13	1	50	1	50	0	0	0	0	866	13	50	50	0	0	866	23	27	47	17	8	851
B. good	67	2	20	4	40	2	20	2	20	844	67	20	40	20	20	844	53	15	50	26	10	847
C. fair	13	0	0	1	50	0	0	1	50	834	13	0	50	0	50	834	20	4	43	35	18	840
D. poor	7	0	0	0	0	1	100	0	0	832	7	0	0	100	0	832	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	47	1	14	3	43	2	29	1	14	846	47	14	43	29	14	846	26	20	49	23	9	849
B. They match some of what I have learned.	40	2	33	1	17	1	17	2	33	842	40	33	17	17	33	842	51	14	48	26	11	846
C. They match just a little of what I have learned.	13	0	0	2	100	0	0	0	0	849	13	0	100	0	0	849	18	13	44	28	15	844
D. There is no match.	0										0						4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	13	1	50	0	0	0	0	1	50	841	13	50	0	0	50	841	32	13	45	28	14	844
B. about the same as my regular schoolwork	53	0	0	5	63	2	25	1	13	843	53	0	63	25	13	843	56	15	49	25	11	847
C. easier than my regular schoolwork	33	2	40	1	20	1	20	1	20	850	33	40	20	20	20	850	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	23	1	33	0	0	1	33	1	33	842	23	33	0	33	33	842	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	77	2	20	5	50	2	20	1	10	848	77	20	50	20	10	848	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	0										0						6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	27	1	25	3	75	0	0	0	0	853	27	25	75	0	0	853	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	27	0	0	2	50	1	25	1	25	838	27	0	50	25	25	838	23	17	49	22	12	847
C. the course(s) described in B, plus physics	27	2	50	1	25	0	0	1	25	852	27	50	25	0	25	852	21	31	44	17	7	852
D. a life science and physical science class	20	0	0	0	0	2	67	1	33	834	20	0	0	67	33	834	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	33	2	40	1	20	1	20	1	20	850	33	40	20	20	20	850	27	23	47	20	10	849
B. agree	40	1	17	3	50	1	17	1	17	845	40	17	50	17	17	845	37	14	47	27	12	846
C. disagree	27	0	0	2	50	1	25	1	25	839	27	0	50	25	25	839	25	11	48	29	12	845
D. strongly disagree	0										0						11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	27	2	50	1	25	0	0	1	25	852	27	50	25	0	25	852	31	22	46	22	10	849
B. agree	53	1	13	4	50	2	25	1	13	846	53	13	50	25	13	846	50	14	49	26	11	846
C. disagree	20	0	0	1	33	1	33	1	33	833	20	0	33	33	33	833	14	9	45	31	15	843
D. strongly disagree	0										0						5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	33	0	0	0	0	0	0	1	100	820	33	0	0	0	100	820						
B.	33	0	0	1	100	0	0	0	0	848	33	0	100	0	0	848						
C.	0										0											
D.	33	0	0	0	0	0	0	1	100	816	33	0	0	0	100	816						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number